

Claims

1. A system for performing fluid administration on a patient comprising :

- a liquid pump (1),

10 - a liquid distribution system (2) connected to said pump (1) in such a way that liquid can flow from the liquid distribution system (2) to the pump (1) and vice versa,

- liquid supply means (3) for supplying liquid to a patient (4) via said liquid distribution system (2) and said pump (1),

15 - a patient conduit (5) adapted for connecting said liquid distribution system (2) to a patient (4),

20 characterized by the fact that said liquid distribution system (2) comprises two distinct hub chambers (7,8) which are separated by a space, the first hub chamber (7) including at least one liquid supply port with dedicated valve means (9), one patient port with dedicated valve means (10) and one pump inlet (26), the second hub chamber (8) including at least, one patient port (18) or warmer port (16) with dedicated valve means and one pump outlet (27), said system furthermore comprising control means arranged to close said patient port (10) of the first hub chamber (7) when said liquid supply port (9) is open and vice versa.

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2. System according to claim 1 wherein said second hub chamber (8) furthermore includes at least one drain port with dedicated valve means (11), said control means being also arranged to close said patient port (18) of the second hub chamber (8) when said drain port (11) is open and vice versa.

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3. A system according to claim 1 or 2 wherein said liquid distribution system (2) only includes two hub chambers (7,8).

35 4. A system according to anyone of the previous claims furthermore comprising a warmer system (28), a cavity (17) including a warmer port (19) and a patient port (16), said patient port (18) of the second hub chamber (8) being connected to said warmer port (19) via said warmer system (28).